

Cell staining and imaging

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 An abbreviated version of this protocol was published in eLIFE in Mar 2017

Systematic morphological profiling of human gene and allele function via Cell Painting

DOI: 10.7554/eLife.24060

Detailed protocol

Please see the paper: Cell Painting, a high-content image-based assay for morphological profiling using multiplexed fluorescent dyes
 Mark-Anthony Bray, Shantanu Singh, Han Han, Chadwick T Davis, Blake Borgeson, Cathy Hartland, Maria Kost-Alimova, Sigrun M Gustafsdottir, Christopher C Gibson & Anne E Carpenter
 Nature Protocols volume 11, pages1757–1774 (2016)
 And the associated wiki page related to the paper: https://github.com/carpenterlab/2016_bray_natprot/wiki#updates-to-the-cell-painting-protocol

How to cite: (Readers should cite both the Bio-protocol preprint and the original research article where this protocol was used)

1. Carpenter, A. (2021). Cell staining and imaging. Bio-protocol Preprint. bio-protocol.org/prep991.
2. Rohban, M. H., Singh, S., Wu, X., Berthet, J. B., Bray, M., Shrestha, Y., Varelas, X., Boehm, J. S. and Carpenter, A. E. (2017). Systematic morphological profiling of human gene and allele function via Cell Painting. eLIFE. DOI: [10.7554/eLife.24060](https://doi.org/10.7554/eLife.24060)

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